

Date: Monday, 10/22/2007 3:59:59 PM  
User: Kim Johnston

# Process Sheet

Customer : CU-DAR001 Dart Helicopters Services	Drawing Name : PIP PIN
Job Number : 35313	
Estimate Number : 12333	
P.O. Number : <i>N/A</i>	Part Number : D34893200
This Issue : 10/22/2007 S.O. No. : <i>N/A</i>	Drawing Number : D3489 REV A
Prsht Rev. : NC	Project Number : N/A
First Issue : <i>N/A</i> Type : PURCHASED PARTS	Drawing Revision : A
Previous Run : 26707	Material : <i>N/A</i>
Written By : <i>[Signature]</i>	Due Date : 10/29/2007 Qty: 20 Um: Each
Checked & Approved By : <i>[Signature] 07.10.23</i>	
Comment : Est Rev:A New Issue 06-03-10 JLM	

## Additional Product

Job Number:



Seq. #:	Machine Or Operation:	Description :
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1.0	PG	PURCHASING
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Comment: PURCHASING  
Issue P/O: *4876*  
P/N: 806206  
Possible Supplier: Jergens

*CL07110123*  
*(20)*

2.0	806206	PIP PIN
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Comment: Qty.: 1.0000 Each(s)/Unit Total : 20.0000 Each(s)  
PIP PIN

3.0	PACKAGING 1	PACKAGING RESOURCE #1
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Comment: PACKAGING RESOURCE #1  
Receive & Inspect For Transit Damage  
Ensure material certification is attached

*10/10/24 (20)*

4.0	QC6	DIMENSIONAL CHECK
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Comment: DIMENSIONAL CHECK

*10/10/29 (20)*

5.0	PACKAGING 1	PACKAGING RESOURCE #1
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Comment: PACKAGING RESOURCE #1  
Identify and Stock  
Location: *57104*

*10/10/29 (20)*

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes ☒ No ☐ DQA: LD Date: 01/06/97  
 QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Date: Monday, 10/22/2007 3:59:59 PM  
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## Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: PIP PIN

Job Number: 35313

Part Number: D34893200

Job Number:



Seq. #:

Machine Or Operation:

Description :

6.0

QC21

FINAL INSPECTION/W/O RELEASE



(20)

Comment: FINAL INSPECTION/W/O RELEASE

5.7/10/29

Job Completion



U 5.7.10.29

**Dart Aerospace Ltd**

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries



DESIGN CP	DRAWN BY CP	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED [Signature]	APPROVED [Signature]	DRAWING NO. D3489	REV. A SHEET 1 OF 1
DATE 06.01.04		TITLE PIP PIN	SCALE NTS
A	06.01.04	NEW ISSUE	

RELEASED  
66-3-21 CP  
P. BEN 12

## SPECIFICATION CONTROL DRAWING

1) SPECIFICATION: **D3489-X-YYY PIP PIN**

WHERE 'X' IS THE NOMINAL SIZE IN 1/16THS OF AN INCH  
AND 'YYY' IS THE GRIP LENGTH IN TENTHS OF INCHES

FOR EXAMPLE, D3489-3-050 IS 3/16" NOMINAL O.D. WITH 0.50" GRIP

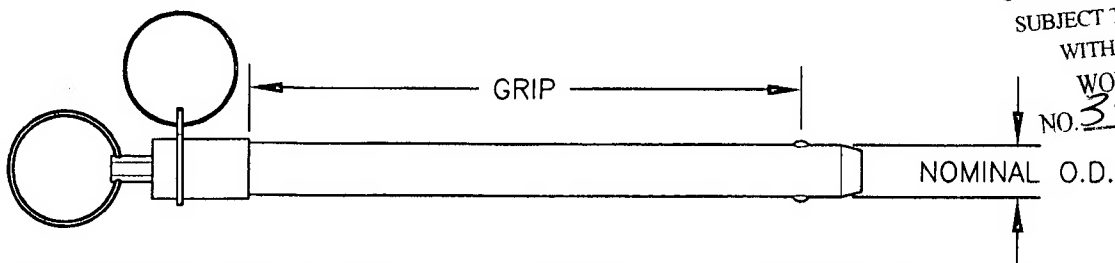
2) ACCEPTABLE SUPPLIERS / PART NUMBERS TO PURCHASE

DART P/N	Nominal O.D.	GRIP	Possible Suppliers	
			JERGENS	REID
D3489-3-050	3/16"	0.50	806200	DARS-000D
D3489-3-075	3/16"	0.75	806201	-
D3489-3-100	3/16"	1.00	806202	DARS-001
D3489-3-125	3/16"	1.25	806203	-
D3489-3-150	3/16"	1.50	806204	-
D3489-3-175	3/16"	1.75	806205	-
D3489-3-200	3/16"	2.00	806206	DARS-004
D3489-3-250	3/16"	2.50	806208	DARS-005
D3489-3-300	3/16"	3.00	806209	-
D3489-4-050	1/4"	0.50	806216	DARS-009
D3489-4-075	1/4"	0.75	806217	-
D3489-4-100	1/4"	1.00	806218	-
D3489-4-125	1/4"	1.25	806219	-
D3489-4-150	1/4"	1.50	806220	DARS-020
D3489-4-175	1/4"	1.75	806221	-
D3489-4-200	1/4"	2.00	806222	DARS-030
D3489-4-250	1/4"	2.50	806224	DARS-035
D3489-4-300	1/4"	3.00	806225	DARS-040
D3489-4-400	1/4"	4.00	808227	DARS-050

3) DESCRIPTION: DOUBLE ACTING, STAINLESS STEEL, QUICK-RELEASE  
BALL LOCK PINS WITH RING HANDLE

4) MATERIAL: STAINLESS STEEL. MIN. PULL OUT STRENGTH = 200LBS (3/16" PINS)  
OR 230LBS (1/4" PINS). MIN. DOUBLE SHEAR = 5150LBS (3/16" PINS) OR  
9200LBS (1/4" PINS).

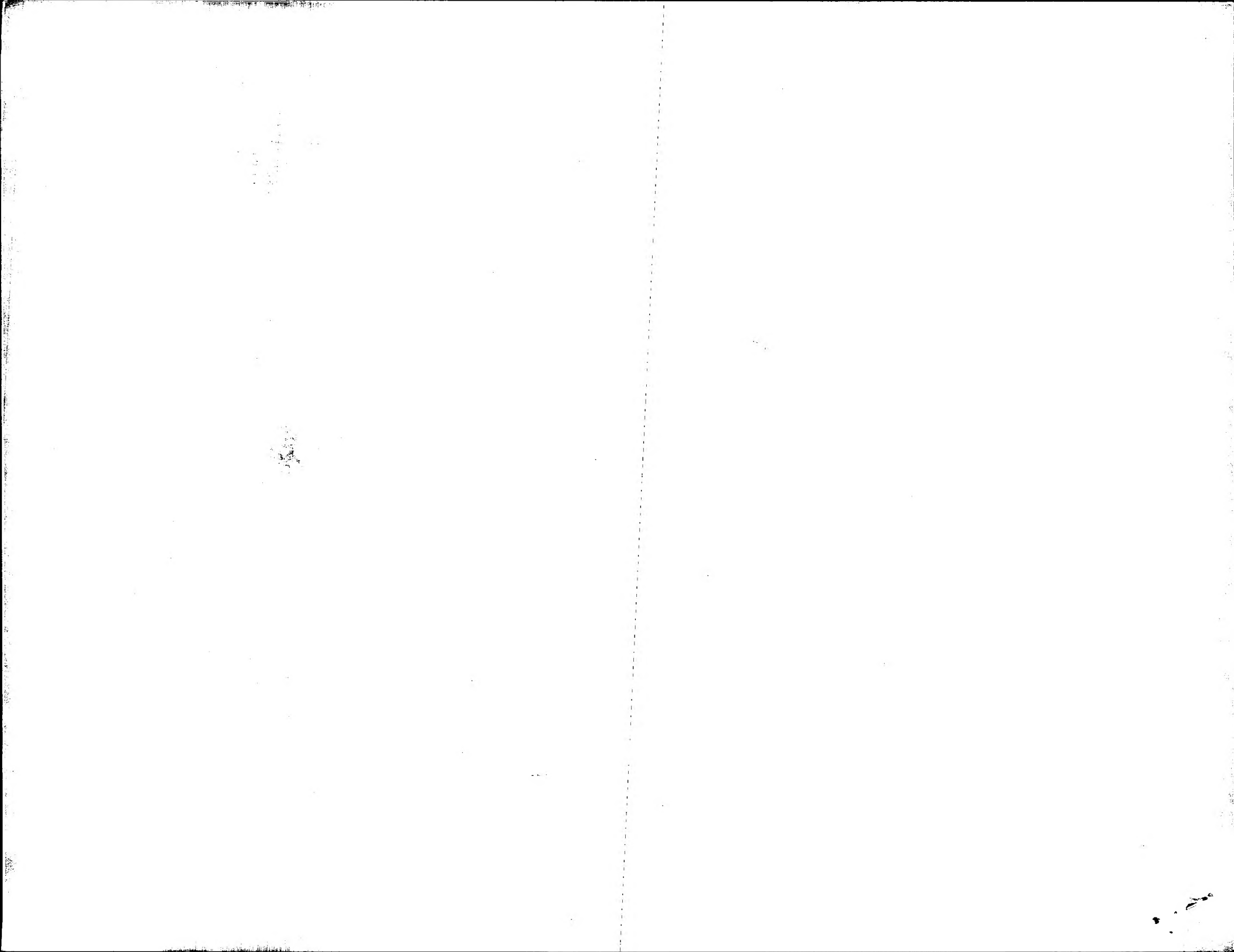
5) ALL DIMENSIONS ARE IN INCHES



SHOP COPY  
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SUBJECT TO AMENDMENT  
WITHOUT NOTICE  
WORK ORDER  
NO. 35313

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HASKINS INDUSTRIAL INC.  
5-52 ANTARES DRIVE

\*\* PACKING SLIP \*\*

Order # 1224234.00

NEPEAN, ONTARIO K2E 7Z1  
TEL (613)723-8800 FAX (613)723-8806

Order Date 10/23/07

Page 1 of 1

Sold To: DART AEROSPACE LTD.  
1270 ABERDEEN STREET

Ship To: DART AEROSPACE LTD.  
1270 ABERDEEN STREET

HAWKESBURY, ON  
K6A 1K7

HAWKESBURY, ON  
K6A 1K7

Cust Phone # (613)632-5200	Warehouse OTTAWA	F.O.B. DEST	Taken By Sylvie ext222
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Cust #	Customer P/O #	Required	Orig Order	Slsm	Ship Via	Terms
05168	4876	10/24/07	1224234.00	PL	DICOM	NET 30

Bin #	Bin #	Order UM	Ship	B/O Product	Description	
1	030140	20	EA	20	JG-806206	3/16 DBL ACTION RING HANDLE 806206

*S*  
*10/29*

*Complete*

PLEASE NOTE:

1. NO RETURNS WITHOUT PRIOR AUTHORIZATION
2. ALL SHORTAGE CLAIMS MUST BE WITHIN 10 DAYS
3. BO CODE: BO = QTY NOT SHIPPED IS BACK-ORDERED  
CL= QTY NOT SHIPPED WAS CANCELLED  
SC= ITEM CONSIDERED COMPLETE - NO B/O CREATED

FILL *UP* PACK *UP* DATE *10 23 07*  
Printed on 2007-10-23 at 13:35